What is claimed is:

1. A method of current modulation-based talkback from a slave device to a master device comprising the following steps:

a) establishing an electrically connected system that includes a master device and at least one slave device, and has a background level of current draw noise;

b) holding the background level of current draw noise in said system low when it is desired that a slave device talkback to said master device; and,

c) during step b), modulating the current flowing through a slave device such that said modulation corresponds to data desired to be transmitted to said master device.

2. The method of claim 1, further comprising the step of said master device receiving and interpreting the data transmitted in step c).

3. The method of claim 1, wherein said system has a low voltage state and a high voltage state, and step b) includes the step of holding the voltage level of the system low.

4. The method of claim 3, wherein said modulation of step c) results in a digital data representation.

5. The method of claim 1, wherein said system further includes a bus, and said system includes more than one slave device.

6. The method of claim 5, wherein step b) comprises establishing a limitation in said system to prevent all slave devices, other than a slave device that is talking back to the master device, from drawing current from said bus above a predetermined maximum noise level below which accurate reception of talkback data by the master device is ensured.

7. The method of claim 1, wherein said system is an electronic blasting system and said slave device is an electronic detonator.

8. The method of claim 7, wherein said system further includes a bus, said master device is a blasting machine, and said system includes more than one detonator.

9. The method of claim 8, wherein step b) comprises establishing a limitation in said system to prevent all detonators, other than a detonator that is talking back to the blasting machine, from drawing current from said bus above a predetermined maximum noise level below which accurate reception of talkback data by the blasting machine is ensured.

10. The method of claim 9, wherein said limitation includes the provision in said detonators of a storage capacitor and a communication interface that includes rectifier bridge diodes.

11. An electrically-connected system for modulation-based talkback from a slave device to a master device comprising:

a) a master device; and,

b) at least one slave device configured and/or programmed to transmit data to said master device through current modulation-based talkback;

wherein the system is configured and/or programmed such that the background level of current draw noise in said system is held low when it is desired that a slave device talkback to said master device.

12. The system of claim 11, wherein said system has a low voltage state and a high voltage state, and said system is configured and/or programmed to hold the voltage level of the system low when it is desired that a slave device talkback to said master device.

13. The system of claim 11, wherein said system further includes a bus, and said system includes more than one slave device.

14. The system of claim 11, wherein said system is an electronic blasting system and said slave device is an electronic detonator.

15. The system of claim 14, wherein said system further includes a bus, said master device is a blasting machine, and said system includes more than one detonator.

16. A slave device for use in an electrically connected system including a master device and having a background level of current draw noise, said device configured and/or programmed to talkback to said master device by current modulation, said device further configured and/or programmed to talkback to said master device when said background level of current draw noise in said system is low.

17. The device of claim 16, wherein said system has a low voltage state and a high voltage state, and said device is configured and/or programmed to talkback to said master device only when the voltage level of said system is low.

18. The device of claim 16, wherein said system is an electronic blasting system and said slave device is an electronic detonator.

19. The device of claim 18, wherein said system further includes a bus, said master device is a blasting machine, and said system includes more than one detonator.

20. The device of claim 18, wherein said detonator includes a storage capacitor and a communication interface that includes rectifier bridge diodes.